

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1–68. (Canceled)

69. (New) An information output system including a plurality of electronic devices and a printer, which are connected to a network system and capable of communicating with each other through the network system,

said printer comprising:

a detecting module that detects said plurality of electronic devices connected to said network system;

a selecting module operable by a user to select at least one device from among said plurality of electronic devices; and

a UPnP command transmitting module that transmits a predetermined command of a UPnP protocol for requesting said at least one device selected by the selecting module to transmit link information when a predetermined condition is satisfied in said at least one device;

each of said plurality of electronic devices comprising:

a link information storage that stores link information indicative of a location of data to be output; and

a link information transmitting module that transmits the link information in response to the predetermined command of the UPnP protocol transmitted by the printer;

said printer further comprising:

a link information receiving module that receives the link information from said at least one device selected by said selecting module; and

an outputting module that obtains and outputs the data to be output in accordance with the link information received by said link information receiving module.

70. (New) The information output system according to claim 69, wherein the predetermined condition for each of said plurality of electronic devices is satisfied when it is selected with said selecting module of said printer.

71. (New) The information output system according to claim 69, wherein the link information includes a plurality of links corresponding to a plurality of pieces of data to be output, respectively.

72. (New) The information output system according to claim 71, wherein said printer includes:

a display module that displays the plurality of links included in said link information received by said link information receiving module; and

a link selecting module that selects one of the plurality of links displayed by said display module.

73. (New) The information output system according to claim 71, wherein the link information transmitting module of each electronic device transmits a plurality of links and a plurality of pieces of service information in relation with the plurality of links, the plurality of pieces of the service information corresponding to a plurality of services provided by each electronic device, respectively.

74. (New) The information output system according to claim 71, wherein the link information transmitting module of each electronic device transmits a plurality of links and a plurality of general descriptions in relation with the plurality of links, the plurality of general description describing a plurality of functions provided by each electronic device, respectively.

75. (New) The information output system according to claim 69, wherein said predetermined command includes a Description command of said UPnP protocol.

76. (New) The information output system according to claim 69, wherein said detecting module outputs a searching signal through the network system, said plurality of electronic devices being detected in accordance with reply signals which are output by said plurality of electronic devices in response to the searching signals, respectively.

77. (New) The information output system according to claim 69, wherein the predetermined condition relates to an operation states of each of said plurality of electronic devices.

78. (New) The information output system according to claim 77, wherein the predetermined condition includes a predetermined change of the operation status of each electronic device.

79. (New) The information output system according to claim 78, wherein the predetermined condition includes at least one of: (a) the electronic device being in an error state; (b) a consumable member of each electronic device being less than a predetermined amount; and (c) a replacement member of each electronic device being required to be replaced.

80. (New) The information output system according to claim 79, wherein the data to be output contains a method of coping with the predetermined condition.

81. (New) The information output system according to claim 69, wherein each electronic device transmits the link information using a Notify command of the UPnP protocol.

82. (New) The information output system according to claim 81, wherein each of said plurality of electronic devices are detected in accordance with the SSDP of a UPnP.

83. (New) The information output system according to claim 69, wherein said outputting module includes a printer that prints out the data to be output on recording medium.

84. (New) The information output system according to claim 69, wherein said outputting module includes an e-mail transmitting module that generates an e-mail message having contents of the data to be output and transmits the e-mail message to at least a predetermined address.

85. (New) The information output system according to claim 69,
wherein the link information includes at least one URL, and
wherein said data to be output includes WEB page data.

86. (New) The information output system according to claim 69, wherein the location where the data to be output is inside each of said plurality of electronic devices.

87. (New) The information output system according to claim 69, wherein the location where the data to be output is in a predetermined device connected to the network system.

88. (New) The information output system according to claim 87, wherein the data to be output is shared by said plurality of electronic devices.

89. (New) The information output system according to claim 69, wherein the data to be output is varied in accordance with the status of each electronic device.

90. (New) The information output system according to claim 69,
wherein said printer transmits a predetermined signal to said at least one device selected by said selecting module, and
wherein said at least one device has a storage that stores that said at least one device is selected by said selecting module of said printer, said link information transmitting

module of said at least one device transmitting the link information only when selected by said selecting module of said printer.

91. (New) The information output system according to claim 90, which includes a plurality of printers, and wherein said at least one device transmits the link information only to the printers of which said selecting module selects said at least one device.

92. (New) A method of outputting information regarding a plurality of electronic devices on a network system with a printer which is connected to the network system, the method comprising the steps of:

detecting the plurality of electronic devices connected to the network system by communication through the network system;

selecting at least one device from among the plurality of electronic devices;

transmitting link information indicative of a location of data to be output in response to a predetermined command of a UPnP protocol from the printer, the predetermined command requesting said at least one device to transmit link information when a predetermined condition is satisfied;

obtaining the data to be output in accordance with the link information; and

outputting the data to be output.

93. (New) The method according to claim 92, wherein the predetermined condition relates to an operation state of each of the plurality of electronic devices.

94. (New) The method according to claim 93,

wherein the link information includes at least one URL, and

wherein the data to be output includes WEB page data.

95. (New) The method according to claim 93, wherein the location where the data to be output is inside each of the plurality of electronic devices.

96. (New) The method according to claim 93, wherein the location where the data to be output is in a predetermined device connected to the network system.

97. (New) The method according to claim 96, wherein the data to be output is shared by the plurality of electronic devices.

98. (New) The method according to claim 93, wherein the predetermined condition includes a predetermined change of the operation status of each electronic device.

99. (New) The method according to claim 98, wherein the data to be output contains a method of coping with the predetermined condition.

100. (New) The method according to claim 93, wherein the condition includes a request for the link information.

101. (New) A computer accessible recording medium containing a program to be executed by the computer to achieve a method of outputting information regarding a plurality of electronic devices on a network system with a printer which is connected to the network system, the method comprising the steps of:

detecting the plurality of electronic devices connected to the network system by communication through the network system;

selecting at least one device from among the plurality of electronic devices;

transmitting link information indicative of a location of data to be output in response to a predetermined command of a UPnP protocol from the printer, the predetermined command requesting said at least one device to transmit link information when a predetermined condition is satisfied;

obtaining the data to be output in accordance with the link information; and

outputting the data to be output.

102. (New) An electronic device for an information output system, the information output system including a plurality of electronic devices and a printer, which are connected to

a network system and capable of communicating with each other through the network system, the information output system designating one of the plurality of electronic devices, said electronic device comprising:

a link information storage that stores link information indicative of a location of data to be output; and

a link information transmitting module that transmits the link information to the printer in response to a predetermined command of a UPnP protocol requesting for the link information transmitted from the printer,

the printer obtaining and outputting the data to be output in accordance with the link information transmitted from said link information transmitting module, said printer including a printing unit that prints out the data to be output on recording medium.

103. (New) The electronic device according to claim 102, wherein the link information includes a plurality of links corresponding to a plurality of pieces of data to be output, respectively.

104. (New) The electronic device according to claim 103, wherein the link information transmitting module transmits a plurality of links and a plurality of pieces of service information in relation with the plurality of links, the plurality of pieces of the service information corresponding to a plurality of services provided by each electronic device, respectively.

105. (New) The electronic device according to claim 103, wherein the link information transmitting module transmits a plurality of links and a plurality of general descriptions in relation with the plurality of links, the plurality of general description describing a plurality of functions provided by each electronic device, respectively.

106. (New) The electronic device according to claim 102, wherein the link information transmitting module transmits the link information in response to a Description command of the UPnP protocol.

107. (New) An electronic device for an information output system, the information output system including a plurality of electronic devices and a printer, which are connected to a network system and capable of communicating with each other through the network system, the information output system designating one of the plurality of electronic device, said electronic device comprising:

a link information storage that stores link information indicative of a location of data to be output; and

a link information transmitting module that transmits the link information to the printer in response to a predetermined command of a UPnP protocol received from the printer, the predetermined command requesting said electronic device to transmit link information when an operation state of said electronic device satisfies a predetermined condition,

the printer obtaining and outputting the data to be output in accordance with the link information transmitted from said link information transmitting module.

108. (New) The electronic device according to claim 107, wherein the predetermined condition includes a predetermined change of the operation status of said electronic device.

109. (New) The electronic device according to claim 108, the predetermined condition includes at least one of: (a) said electronic device being in an error state; (b) a consumable member of said electronic device being less than a predetermined amount; and (c) a replacement member of said electronic device being required to be replaced.

110. (New) The electronic device according to claim 109, wherein the data to be output contains a method of coping with the predetermined condition.

111. (New) The electronic device according to claim 110, wherein each of said plurality of electronic devices are detected in accordance with the SSDP of UPnP.

112. (New) The electronic device according to claim 107, wherein the printer outputs the data to be output by printing.

113. (New) The electronic device according to claim 107, wherein the printer outputs the data to be output by transmitting an e-mail message to at least one predetermined address.

114. (New) A printer for an information output system including a plurality of electronic devices, the plurality of electronic devices and said printer being connected to a network system and capable of communicating with each other through the network system,

said printer comprising:

a detecting module that detects said plurality of electronic devices connected to said network system;

a selecting module operable by a user to select at least one electronic device from among said plurality of electronic devices, each of said plurality of electronic devices being configured to output link information when selected by said selecting module;

a UPnP command transmitting module that transmits a predetermined command of a UPnP protocol for requesting said at least one device selected by the selecting module to transmit link information,

a link information receiving module that receives the link information from said at least one electronic device selected by said selecting module; and

an outputting module that obtains and outputs the data to be output in accordance with the link information received by said link information receiving module.

115. (New) The printer according to claim 114, further including:
a display module that displays the link information received by said link information receiving module, the link information including a plurality of links; and
a link selecting module that selects one of the plurality of links displayed by said display module.

116. (New) The printer according to claim 114, which outputs a searching signal through the network system, the plurality of electronic devices being detected in accordance with reply signals which are output by the plurality of electronic devices in response to the searching signal, respectively.

117. (New) The information output system according to claim 69,
wherein the detecting module detects said plurality of electronic devices by transmitting a Discovery command of the UPnP protocol, and
wherein said link information transmitting module of each of said plurality of electronic device that transmits the link information in response to the Discovery command transmitted by the printer.